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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=1; day=27; hr=11; min=6; sec=25; ms=305;]

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Application No: 10597140

Version No: 2.0

Input Set:**Output Set:**

Started: 2010-01-12 18:26:07.965
Finished: 2010-01-12 18:26:13.486
Elapsed: 0 hr(s) 0 min(s) 5 sec(s) 521 ms
Total Warnings: 14
Total Errors: 12
No. of SeqIDs Defined: 17
Actual SeqID Count: 17

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (10)

Input Set:

Output Set:

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Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (15)
W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)

SEQUENCE LISTING

<110> ANSELL, KEITH HUGH

<120> Methods and Means of Screening for Rhomboid Activity

<130> MEWE-027

<140> 10597140

<141> 2010-01-12

<150> EP 05701920.0

<151> 2005-01-17

<150> PCT/GB2005/000154

<151> 2005-01-17

<150> US 60/536,860

<151> 2004-01-16

<160> 17

<170> PatentIn version 3.3

<210> 1

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Tag sequence"

<400> 1

Met	Arg	Gly	Ser	His	His	His	His	His	His
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<210> 2

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Tag sequence"

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Asp	Tyr	Lys	Asp	Asp	Asp	Asp	Lys
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<210> 3

<211> 15

<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Tag sequence"

<400> 3

Lys Glu Thr Ala Ala Lys Phe Glu Arg Gln His Met Asp Ser
1 5 10 15

<210> 4
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Tag sequence"

<400> 4

Trp Ser His Pro Gln Phe Glu Lys
1 5

<210> 5
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Tag sequence"

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Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
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<210> 6
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Tag sequence"

<400> 6

Met Lys Ala Glu Phe Arg Arg Gln Glu Ser Asp Arg
1 5 10

<210> 7
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<221> source
<223> /note= "Description of artificial sequence: Tag sequence"

<400> 7

Met Arg Asp Ala Leu Asp Arg Leu Asp Arg Leu Ala
1 5 10

<210> 8
<211> 5
<212> PRT
<213> Drosophila melanogaster

<400> 8

Ile Ala Ser Gly Ala
1 5

<210> 9
<211> 7
<212> PRT
<213> Drosophila melanogaster

<400> 9

Ala Ser Ile Ala Ser Gly Ala
1 5

<210> 10
<211> 4
<212> PRT
<213> Artificial sequence

<220>
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<400> 10

Lys Asp Glu Leu
1

<210> 11
<211> 4
<212> PRT

<213> Drosophila melanogaster

<400> 11

Ala Ser Gly Ala

1

<210> 12

<211> 33

<212> DNA

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Primer HindSEAP For"

<400> 12

aagcttcacc atgctgctgc tgctgctgct gct 33

<210> 13

<211> 30

<212> DNA

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Primer Eco Back"

<400> 13

acggaattct gtctgctcga agcggccggc 30

<210> 14

<211> 60

<212> DNA

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Primer 6HMRGS For"

<400> 14

cggaattcat gagaggatcg catcaccatc accatcacgc gagcattgcc agtggagcca 60

<210> 15

<211> 22

<212> DNA

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Primer BBS Back"

<400> 15

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22

<210> 16

<211> 234

<212> PRT

<213> D. melanogaster

<400> 16

Met	His	Ser	Thr	Met	Ser	Val	Gln	His	Gly	Leu	Val	Ala	Leu	Val	Leu
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Ile	Gly	Cys	Leu	Ala	His	Pro	Trp	His	Val	Glu	Ala	Cys	Ser	Ser	Arg
			20					25					30		
Thr	Val	Pro	Lys	Pro	Arg	Ser	Ser	Ile	Ser	Ser	Ser	Met	Ser	Gly	Thr
			35				40					45			
Ala	Leu	Pro	Pro	Thr	Gln	Ala	Pro	Val	Thr	Ser	Ser	Thr	Thr	Met	Arg
	50					55					60				
Thr	Thr	Thr	Thr	Thr	Thr	Pro	Arg	Pro	Asn	Ile	Thr	Phe	Pro	Thr	Tyr
65					70					75					80
Lys	Cys	Pro	Glu	Thr	Phe	Asp	Ala	Trp	Tyr	Cys	Leu	Asn	Asp	Ala	His
				85					90					95	
Cys	Phe	Ala	Val	Lys	Ile	Ala	Asp	Leu	Pro	Val	Tyr	Ser	Cys	Glu	Cys
			100					105					110		
Ala	Ile	Gly	Phe	Met	Gly	Gln	Arg	Cys	Glu	Tyr	Lys	Glu	Ile	Asp	Asn
	115					120						125			
Thr	Tyr	Leu	Pro	Lys	Arg	Pro	Arg	Pro	Met	Leu	Glu	Lys	Ala	Ser	Ile
	130					135					140				
Ala	Ser	Gly	Ala	Met	Cys	Ala	Leu	Val	Phe	Met	Leu	Phe	Val	Cys	Leu
145					150					155					160
Ala	Phe	Tyr	Leu	Arg	Phe	Glu	Gln	Arg	Ala	Ala	Lys	Lys	Ala	Tyr	Glu
				165					170					175	
Leu	Glu	Gln	Glu	Leu	Gln	Gln	Glu	Tyr	Asp	Asp	Asp	Asp	Gly	Gln	Cys
			180					185					190		
Glu	Cys	Cys	Arg	Asn	Arg	Cys	Cys	Pro	Asp	Gly	Gln	Glu	Pro	Val	Ile
	195					200						205			
Leu	Glu	Arg	Lys	Leu	Pro	Tyr	His	Met	Arg	Leu	Glu	His	Ala	Leu	Met
	210					215					220				
Ser	Phe	Ala	Ile	Arg	Arg	Ser	Asn	Lys	Leu						
225					230										

<210> 17

<211> 160

<212> PRT

<213> H. sapiens

<400> 17

Met	Val	Pro	Ser	Ala	Gly	Gln	Leu	Ala	Leu	Phe	Ala	Leu	Gly	Ile	Val
1				5					10					15	
Leu	Ala	Ala	Cys	Gln	Ala	Leu	Glu	Asn	Ser	Thr	Ser	Pro	Leu	Ser	Ala
			20					25					30		
Asp	Pro	Pro	Val	Ala	Ala	Ala	Val	Val	Ser	His	Phe	Asn	Asp	Cys	Pro
			35				40					45			
Asp	Ser	His	Thr	Gln	Phe	Cys	Phe	His	Gly	Thr	Cys	Arg	Phe	Leu	Val
	50					55					60				
Gln	Glu	Asp	Lys	Pro	Ala	Cys	Val	Cys	His	Ser	Gly	Tyr	Val	Gly	Ala
65				70						75					80
Arg	Cys	Glu	His	Ala	Asp	Leu	Leu	Ala	Val	Val	Ala	Ala	Ser	Gln	Lys
				85					90					95	

Lys Gln Ala Ile Thr Ala Leu Val Val Val Ser Ile Val Ala Leu Ala
100 105 110
Val Leu Ile Ile Thr Cys Val Leu Ile His Cys Cys Gln Val Arg Lys
115 120 125
His Cys Glu Trp Cys Arg Ala Leu Ile Cys Arg His Glu Lys Pro Ser
130 135 140
Ala Leu Leu Lys Gly Arg Thr Ala Cys Cys His Ser Glu Thr Val Val
145 150 155 160